

TECHSPEC[®] 980nm CWL, 12.5mm Dia,3.7nm Bandwidth, OD 6 Laser Line Bandpass Filter



Stock #68-952 10 In Stock

[Additional Bandwidths](#)

-

1

+

£292⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£292.00 each
Qty 6-25	£233.60 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads	
General	
Bandpass Filter	Type:
Physical & Mechanical Properties	
12.50	Diameter (mm):
8.5	Clear Aperture CA (mm):

Thickness Tolerance (mm):	
+0.0/-0.1	
Optical Properties	
Angle of Incidence (°):	
0 ±2	
Bandwidth (nm):	
3.7	
OD 5 Blocking Wavelength Range (nm) :	
724.4 - 970.2 & 989.8 - 1332.6	
OD 6 Blocking Wavelength Range (nm):	
901.6 - 965.3 & 994.7 - 1078	
Optical Density OD (Average):	
≥6.0	
Center Wavelength CWL (nm):	
980.00	
Design Wavelength DWL (nm):	
980	
Full Width-Half Max FWHM (nm):	
6.90	
Substrate: 	
Fused Silica (Corning 7980)	
Coating:	
Hard Coated	
Surface Quality:	
60-40	
Transmission (%):	
≥90	
Transmitted Wavefront, RMS:	
λ/4 @ 633nm	

Threading & Mounting

Mount Thickness (mm):	
3.5	

Environmental & Durability Factors

Durability:	
Environmental: ML-STD-810F, sect. 507.4	
Durability: ML-C-48497A, sect. 3.4.1	

Regulatory Compliance

RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

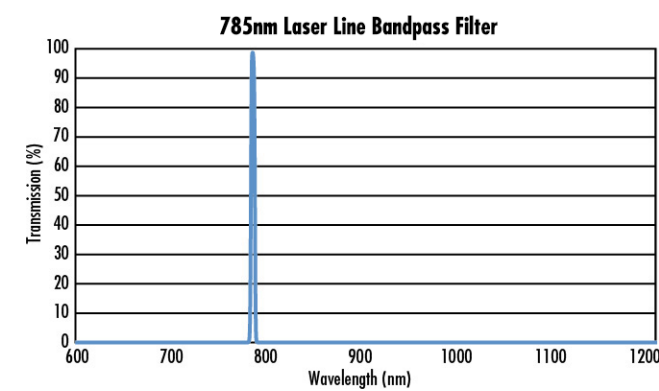
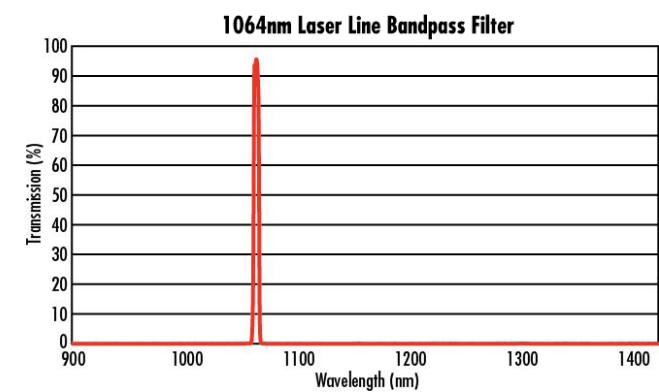
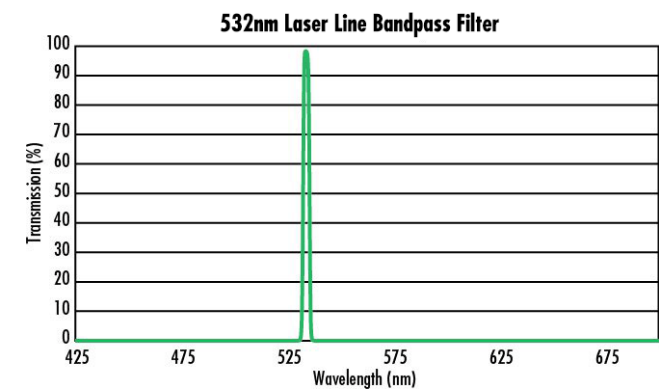
Product Details

- Over 90% Transmission at Design Wavelength
- Hard Coated Design
- Designed for Laser Applications

Available for use with common gas and solid state lasers, TECHSPEC OD 6 Laser Line Clean-Up Filters are designed to offer maximum transmission of stimulated emission, while eliminating noisy spontaneous emission. TECHSPEC OD 6 Laser Line Clean-Up Filters are ideal for laser-based fluorescence instrumentation, Raman spectroscopy, or for analytical or medical laser systems. Due to their steep edges, TECHSPEC Laser Line Clean-Up Filters are excellent complements to [TECHSPEC Notch Filters](#) or [TECHSPEC Raman Longpass Edge Filters](#).



Technical Information



Compatible Mounts